Title (en)

Method and system for switching monitoring units of an electronic location monitoring system

Title (de)

Verfahren und Vorrichtung zur Umschaltung von Überwachungsmodulen eines elektronischen Ortungs- Überwachungssystem

Title (fr)

Procédé et système pour commuter les unités de surveillance d'un système éléctronique de surveillance de position

Publication

EP 2244238 B1 20120118 (EN)

Application

EP 10164844 A 20040820

Priority

- EP 04761668 A 20040820
- US 49701703 P 20030822

Abstract (en)

[origin: WO2005020178A1] A method and apparatus for operating a monitoring unit operable to receive signals from a mobile transmitter in an electronic location monitoring system involves causing a first receiver to change a signal reception threshold thereof for receiving signals from the mobile transmitter, in response to proximity of the monitoring unit relative to a reference position whereby the receiver rejects signals received from the mobile transmitter that have a signal strength below the signal reception threshold and receives and processes signals received from the mobile transmitter that have a signal strength above the signal reception threshold. Alternatively, detection of a first monitoring unit in proximity to a second monitoring unit may cause the second monitoring unit to take over receiving signals from the mobile transmitter while the first monitoring unit is put into a low power mode.

IPC 8 full level

G08C 17/02 (2006.01); **G01S 7/285** (2006.01); **G07C 9/00** (2006.01); **G08B 21/22** (2006.01); G01S 5/02 (2010.01)

CPC (source: EP US)

G01S 5/0295 (2020.05 - EP US); **G07C 9/28** (2020.01 - EP US); **G08B 21/0225** (2013.01 - EP US); **G08B 21/023** (2013.01 - EP US); **G08B 21/22** (2013.01 - EP US); G01S 2205/09 (2020.05 - EP US)

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DOCDB simple family (publication)

WO 2005020178 A1 20050303; AT E482444 T1 20101015; AT E542206 T1 20120215; AU 2004266325 A1 20050303; AU 2004266325 B2 20100204; AU 2009248432 A1 20100114; AU 2009248432 B2 20110721; CA 2536517 A1 20050303; CA 2536517 C 20090428; DE 602004029262 D1 20101104; DK 1661102 T3 20110110; DK 2244238 T3 20120507; EP 1661102 A1 20060531; EP 1661102 A4 20080507; EP 1661102 B1 20100922; EP 2244238 A1 20101027; EP 2244238 B1 20120118; HK 1149976 A1 20111021; NZ 545762 A 20080229; US 2006261939 A1 20061123; US 7446656 B2 20081104

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CA 2004001504 W 20040820; AT 04761668 T 20040820; AT 10164844 T 20040820; AU 2004266325 A 20040820; AU 2009248432 A 20091210; CA 2536517 A 20040820; DE 602004029262 T 20040820; DK 04761668 T 20040820; DK 10164844 T 20040820; EP 04761668 A 20040820; EP 10164844 A 20040820; HK 11104207 A 20110427; NZ 54576204 A 20040820; US 56958406 A 20060222